



EU4Energy



Covenant of Mayors  
for Climate & Energy

Demonstration Projects  
Eastern Partnership



## European Union Covenant of Mayors Demonstration projects: factsheet

Project: Modernization of the street lighting system in Bereza  
(Republic of Belarus)



<b>Country</b>	Republic of Belarus
<b>Region</b>	Brest region
<b>Municipality</b>	Bereza
<b>Covenant Signatory since</b>	October, 2015
<b>Sustainable Energy Action Plan approved</b>	June 2017
<b>Sustainable Energy Action Plan targets by 2020</b>	CO <sub>2</sub> emissions: - 20 %
<b>Demonstration project duration</b>	September 2018 – November 2020
<b>Demonstration Project budget, incl.</b>	775,044,47 EUR
<b>European Union grant</b>	620,000 EUR
<b>City contribution</b>	155,044,47 EUR

### What is to be done?

- Replacement of 4,171 lamps (incandescent, sodium, mercury) with new efficient LED luminaries
- Introduction of public lighting management system



### Who will benefit?



**64,200 inhabitants** of the town of Bereza will feel more comfortable and safe in the streets during the night-time.



**17 people** (project team, construction workers, experts, etc.) involved in the project implementation will contribute to local economic development.





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## What will be achieved?



**821 MWh/y**, or **69%**  
energy savings

=

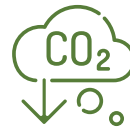


annual energy  
consumption of **44,986**  
mobile phones

=



annual energy  
consumption of  
**7,602** TVs



**724 t/y**, or **69%**  
reduction of **CO<sub>2</sub>**

=



annual emissions  
from **464** new  
cars

=



**32,909** trees needed  
to be planted to  
absorb such  
amount of **CO<sub>2</sub>**



Monetary savings **100,278 EUR** annually

=

**0.30 %** of the total budget of Bereza municipality

**The Covenant of Mayors** is the world's largest movement for local climate and energy actions, supported by the European Union. In the Eastern Partnership region over 400 local authorities have voluntarily committed to reduce their CO<sub>2</sub> emissions by at least 20% by 2020 or 30% by 2030. The European Union has been supporting the Initiative in Eastern Partnership countries since 2011 with its technical, methodological and financial assistance amounting to over 30 million Euros. This includes grants and tailor-made technical support for 34 municipalities for demonstration projects since 2015, predominantly in the area of energy efficiency.

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